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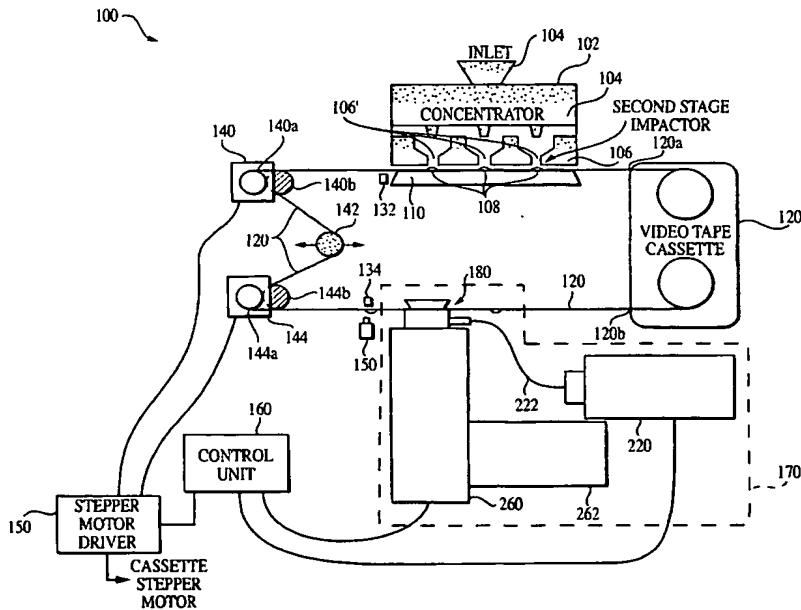
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(54) Title: PORTABLE TIME-OF-FLIGHT MASS SPECTROMETER SYSTEM

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(57) Abstract: A field portable mass spectrometer system comprising a sample collector and a sample transporter. The sample transporter interfaces with the sample collector to receive sample deposits thereon. The system further comprises a time of flight (TOF) mass spectrometer. The time of flight mass spectrometer has a sealable opening that receives the sample transported via the sample transporter in an extraction region of the mass spectrometer. The system further comprises a control unit that processes a time series output by the mass spectrometer for a received sample and identifies one or more agents contained in the sample.



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